

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078504.D
 Acq On : 21 Feb 2024 17:37
 Operator : RP/MD
 Sample : P1537-01RE
 Misc : 4.34G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1

Quant Time: Feb 22 00:06:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

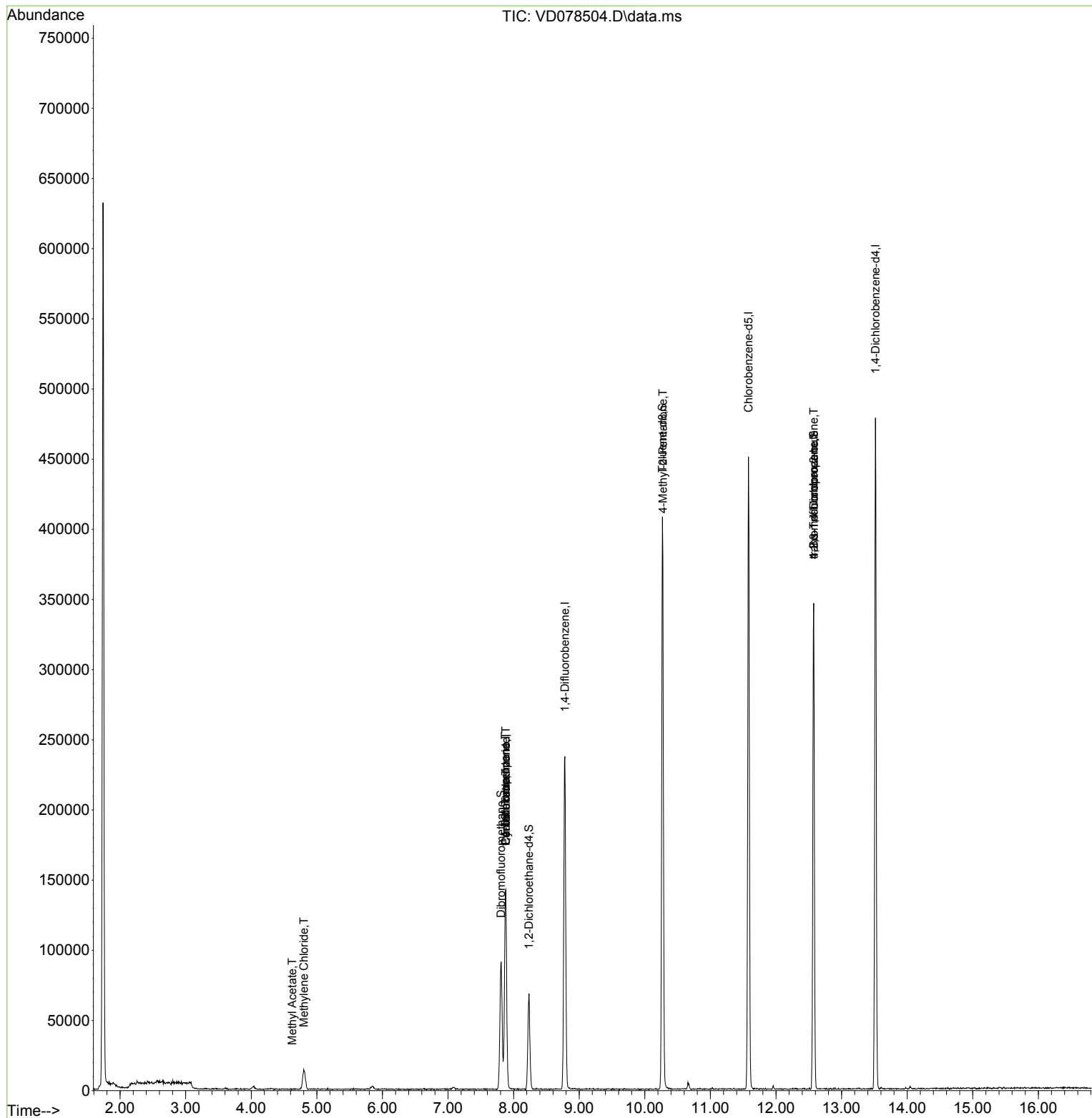
Internal Standards						
1) Pentafluorobenzene	7.881	168	110065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	223344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	266034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	125848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50015	42.027	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.060%
35) Dibromofluoromethane	7.810	113	66104	46.594	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.180%
50) Toluene-d8	10.269	98	289461	51.004	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.000%
62) 4-Bromofluorobenzene	12.575	95	106956	64.762	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	129.520%
Target Compounds						
					Qvalue	
16) Acetone	4.040	43	3281	Below Cal	#	82
18) Methyl Acetate	4.622	43	76	4.022	ug/l #	42
20) Methylene Chloride	4.805	84	11403	5.722	ug/l	93
25) 2-Butanone	7.093	43	638	Below Cal	#	37
31) Cyclohexane	7.881	56	2596	1.290	ug/l #	41
36) 1,1-Dichloropropene	7.875	75	9658	4.382	ug/l #	47
38) Carbon Tetrachloride	7.881	117	10990	5.035	ug/l #	16
51) 4-Methyl-2-Pentanone	10.275	43	1201	1.582	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	55445	51.895	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	55445	107.735	ug/l #	17

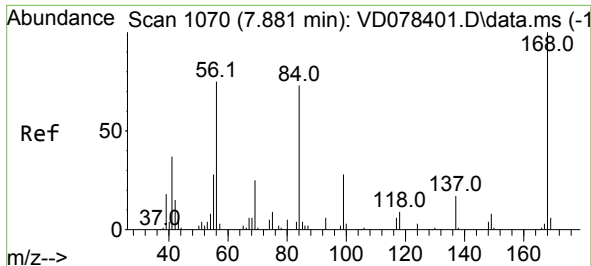
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 22 00:06:28 2024
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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

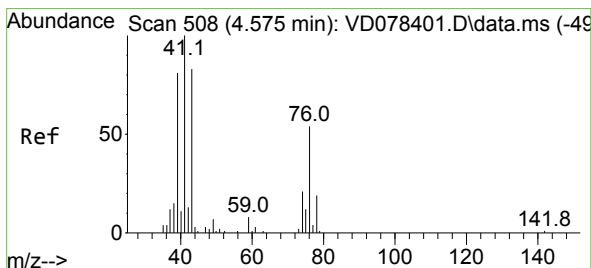
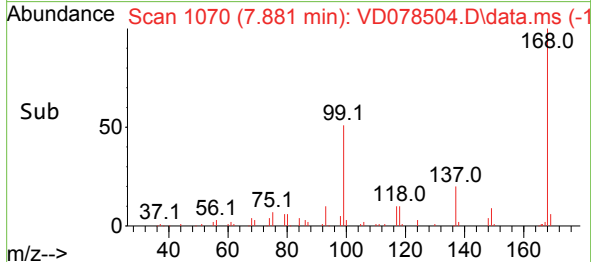
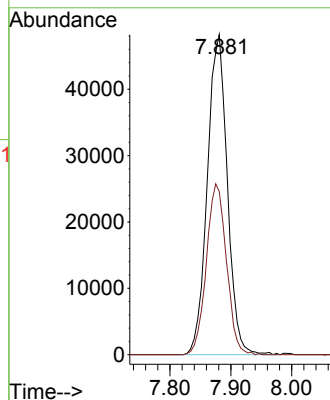
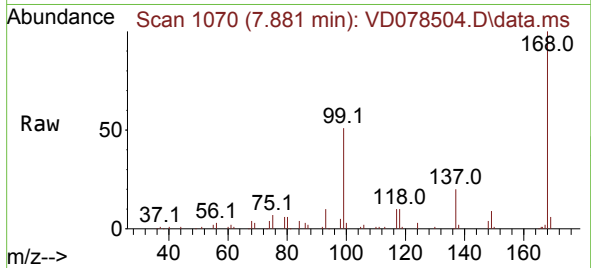




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD078504.D
Acq: 21 Feb 2024 17:37

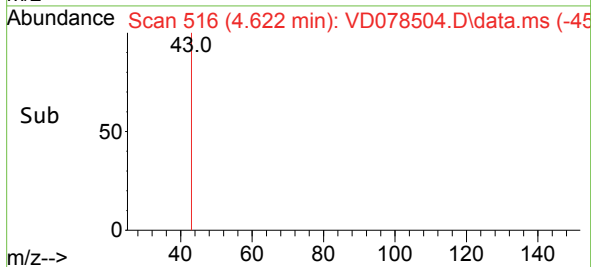
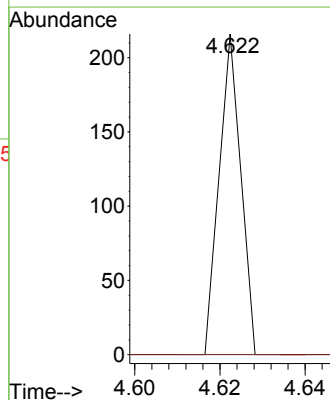
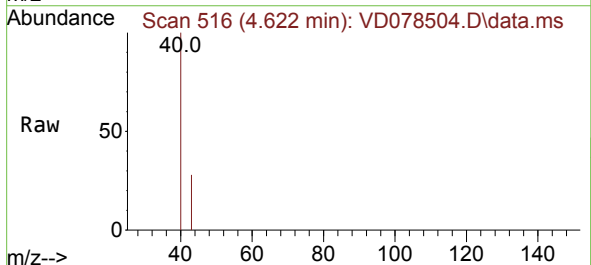
Instrument :
MSVOA_D
ClientSampleId :
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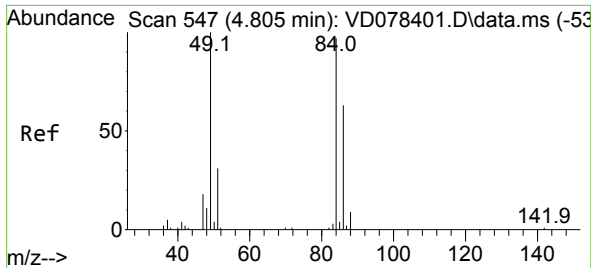
Tgt Ion:168 Resp: 110065
Ion Ratio Lower Upper
168 100
99 51.0 36.7 55.1



#18
Methyl Acetate
Concen: 4.022 ug/l
RT: 4.622 min Scan# 516
Delta R.T. 0.047 min
Lab File: VD078504.D
Acq: 21 Feb 2024 17:37

Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#

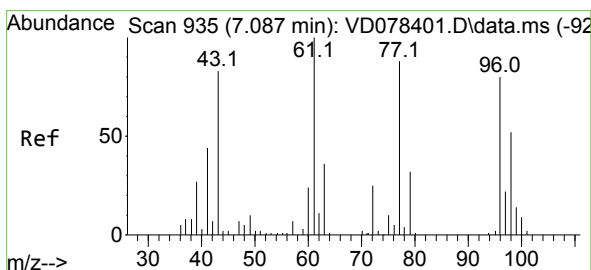
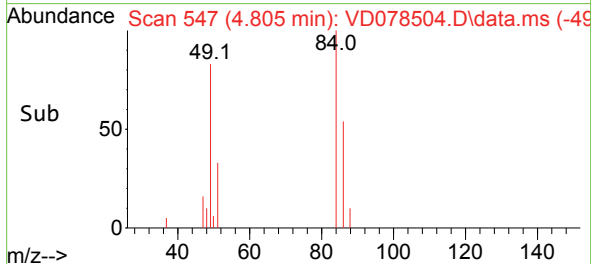
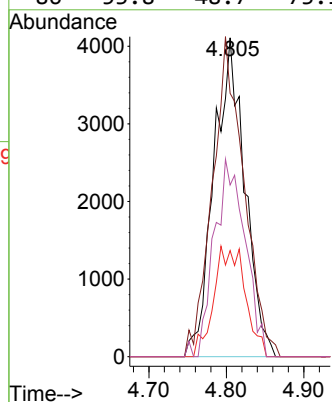
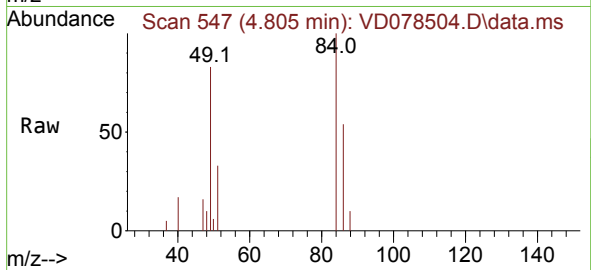




#20
Methylene Chloride
Concen: 5.722 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD078504.D
Acq: 21 Feb 2024 17:37

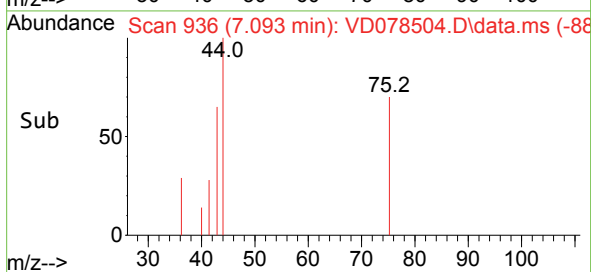
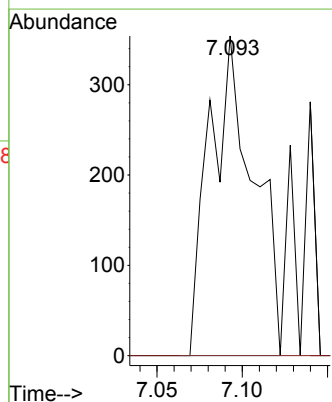
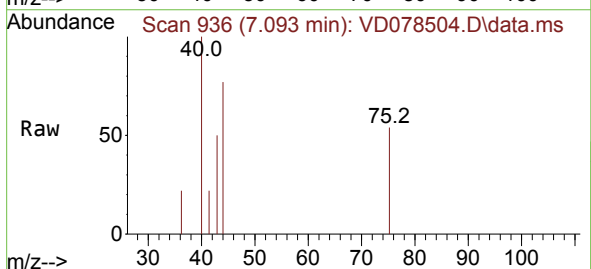
Instrument :
MSVOA_D
ClientSampleId :
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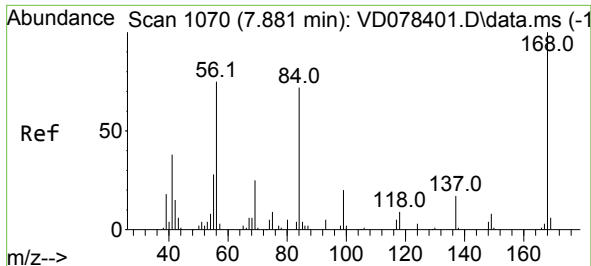
Tgt Ion: 84	Resp: 11403
Ion Ratio	Lower Upper
84 100	
49 82.6	71.4 107.2
51 33.3	24.5 36.7
86 53.8	48.7 73.1



#25
2-Butanone
Concen: Below Cal
RT: 7.093 min Scan# 936
Delta R.T. 0.006 min
Lab File: VD078504.D
Acq: 21 Feb 2024 17:37

Tgt Ion: 43	Resp: 638		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	30.7	46.1#	

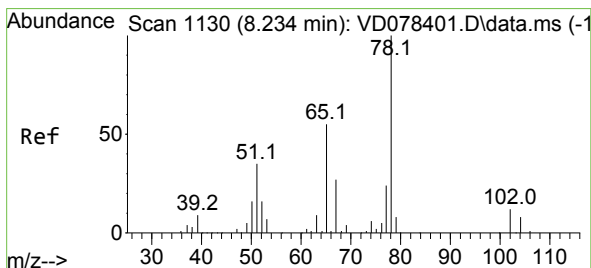
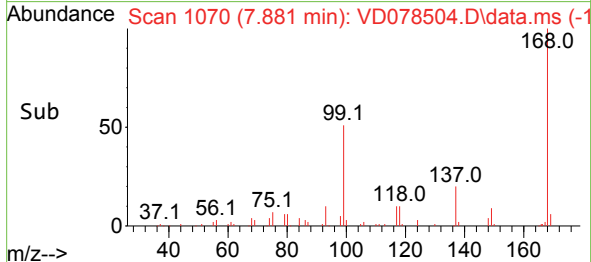
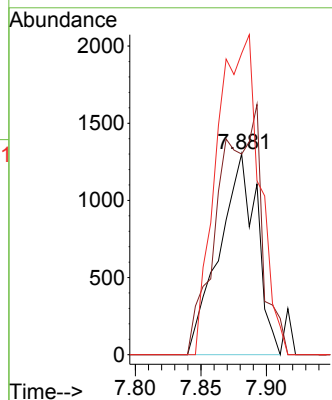
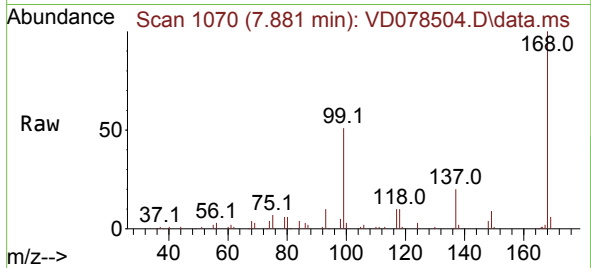




#31
Cyclohexane
Concen: 1.290 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078504.D
Acq: 21 Feb 2024 17:37

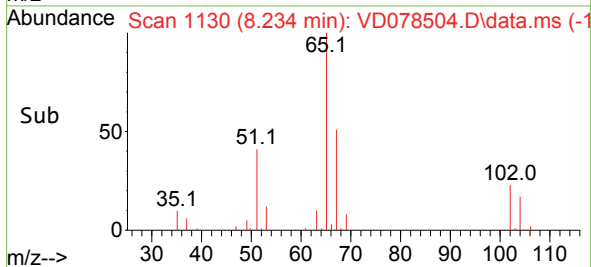
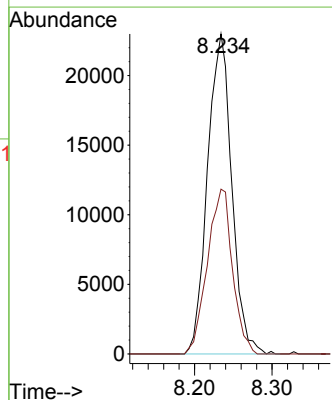
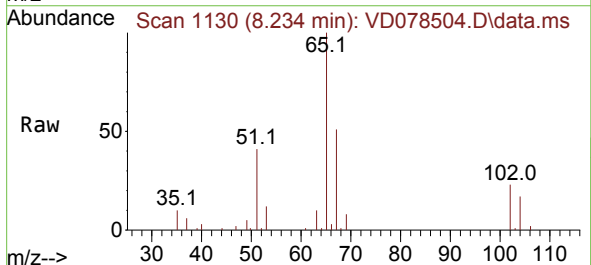
Instrument :
MSVOA_D
ClientSampleId :
1

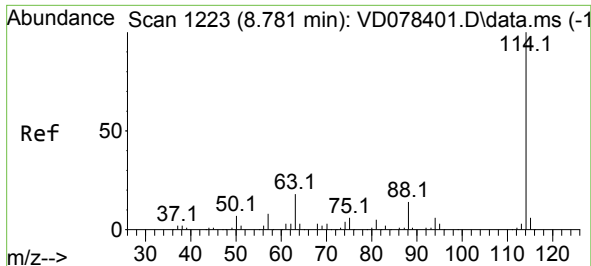
Tgt Ion: 56 Resp: 2596
Ion Ratio Lower Upper
56 100
69 99.8 28.6 43.0#
84 150.0 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 42.027 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078504.D
Acq: 21 Feb 2024 17:37

Tgt Ion: 65 Resp: 50015
Ion Ratio Lower Upper
65 100
67 53.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078504.D

Acq: 21 Feb 2024 17:37

Instrument :

MSVOA_D

ClientSampleId :

1

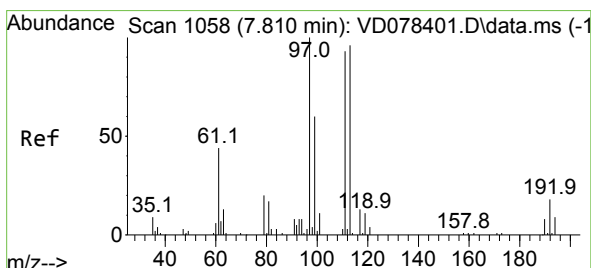
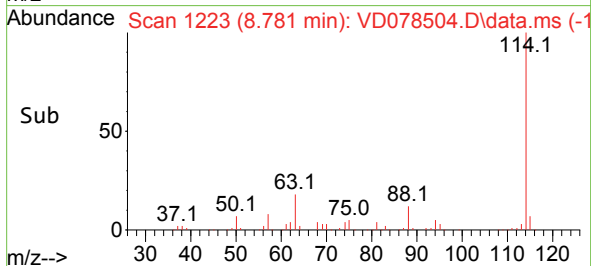
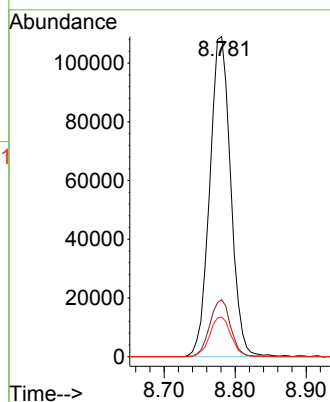
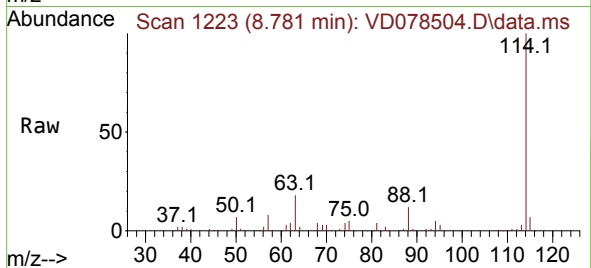
Tgt Ion:114 Resp: 223344

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 12.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 46.594 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078504.D

Acq: 21 Feb 2024 17:37

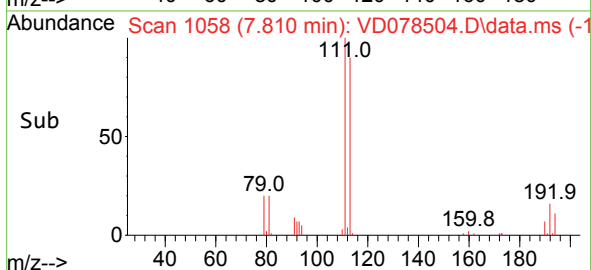
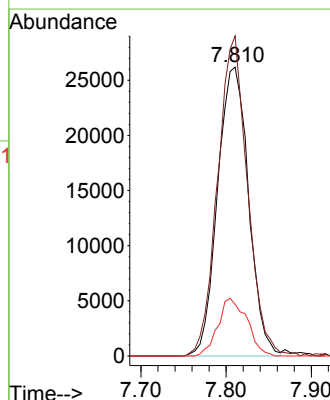
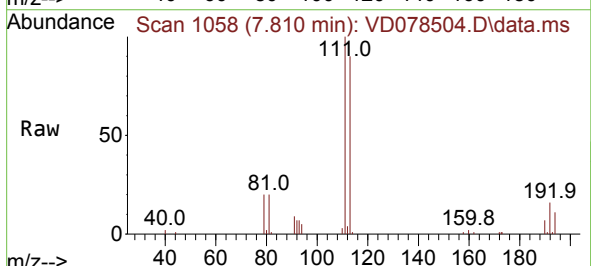
Tgt Ion:113 Resp: 66104

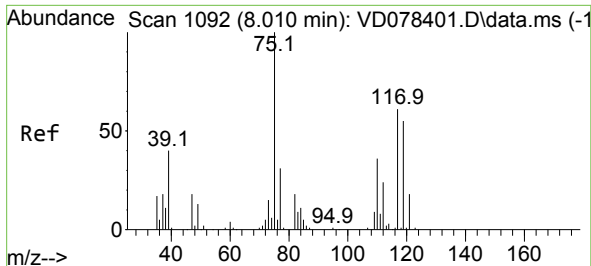
Ion Ratio Lower Upper

113 100

111 106.6 84.7 127.1

192 18.8 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.382 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078504.D

Acq: 21 Feb 2024 17:37

Instrument :

MSVOA_D

ClientSampleId :

1

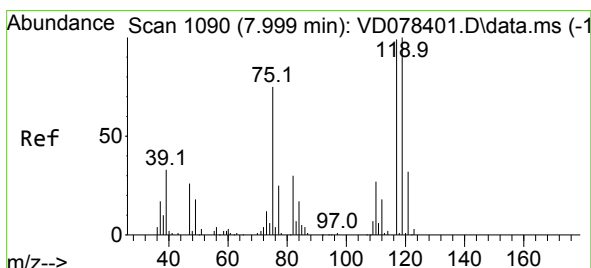
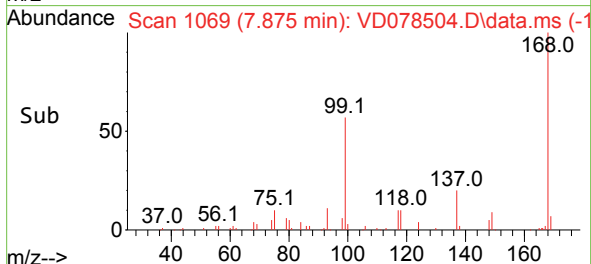
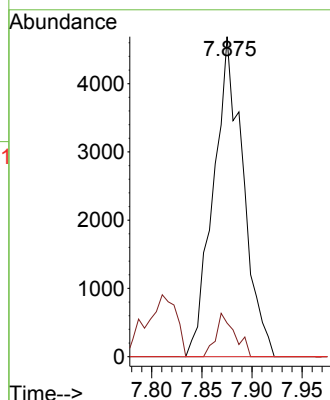
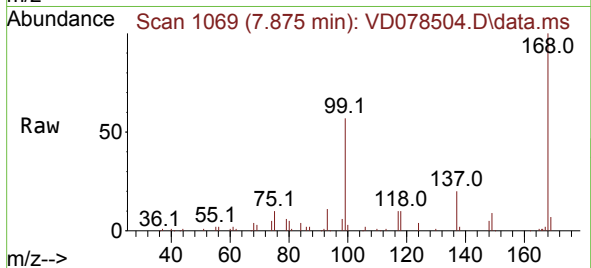
Tgt Ion: 75 Resp: 9658

Ion Ratio Lower Upper

75 100

110 8.7 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.035 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.118 min

Lab File: VD078504.D

Acq: 21 Feb 2024 17:37

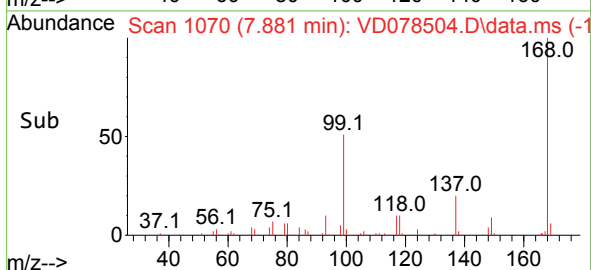
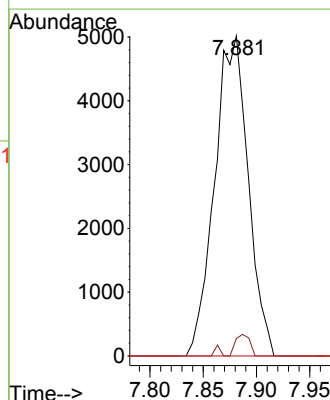
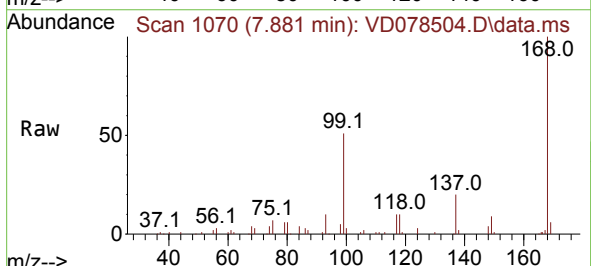
Tgt Ion: 117 Resp: 10990

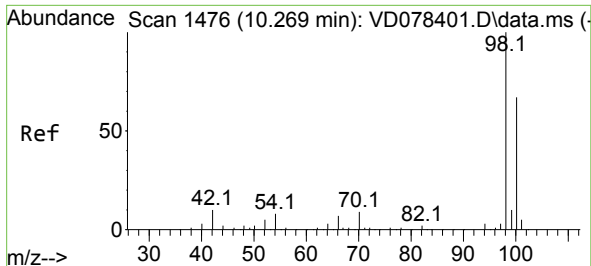
Ion Ratio Lower Upper

117 100

119 5.4 78.0 117.0#

121 0.0 24.2 36.2#

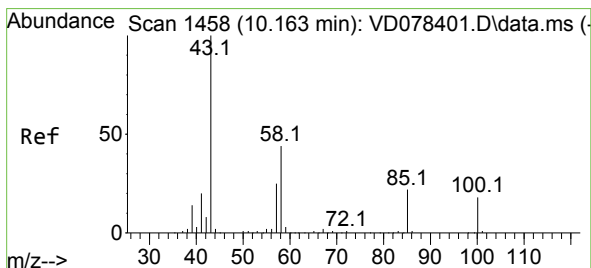
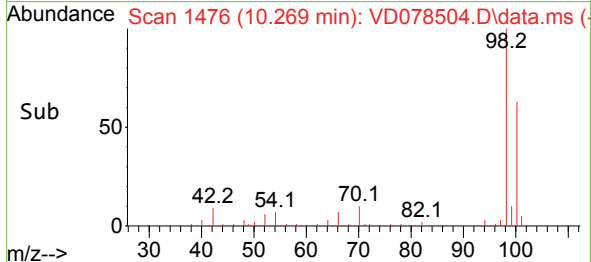
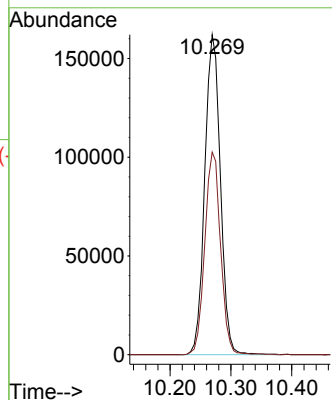
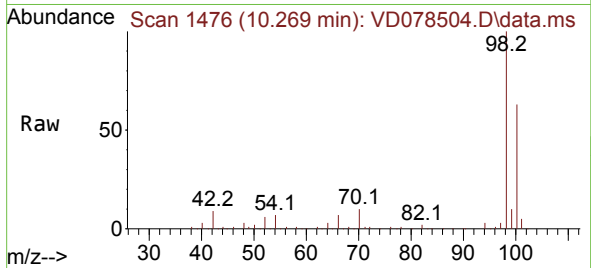




#50
Toluene-d8
Concen: 51.004 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078504.D
Acq: 21 Feb 2024 17:37

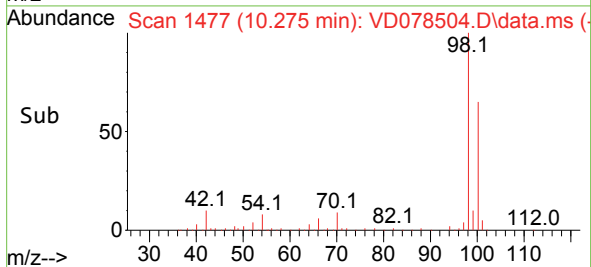
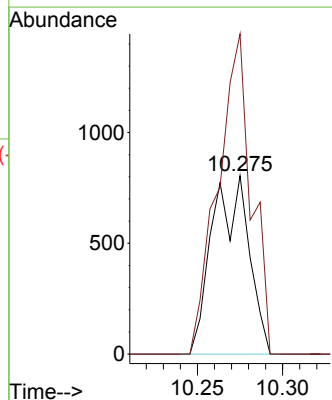
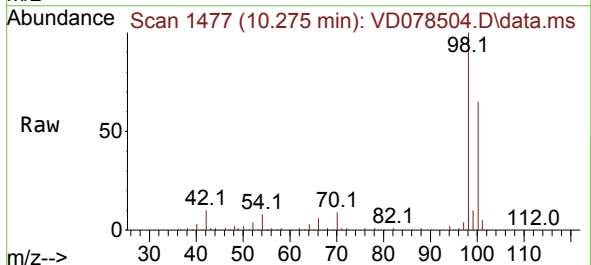
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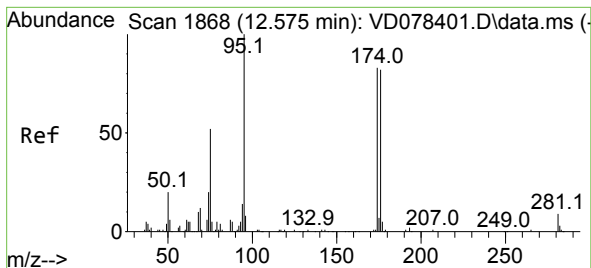
Tgt Ion: 98 Resp: 289461
Ion Ratio Lower Upper
98 100
100 63.9 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.582 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.112 min
Lab File: VD078504.D
Acq: 21 Feb 2024 17:37

Tgt Ion: 43 Resp: 1201
Ion Ratio Lower Upper
43 100
58 164.9 38.9 58.3#

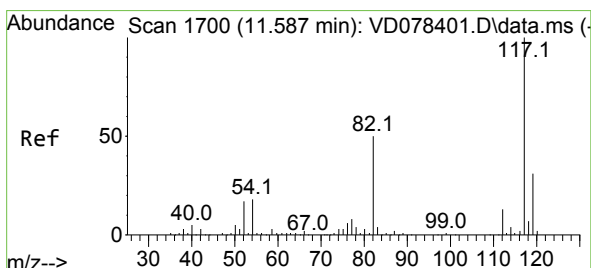
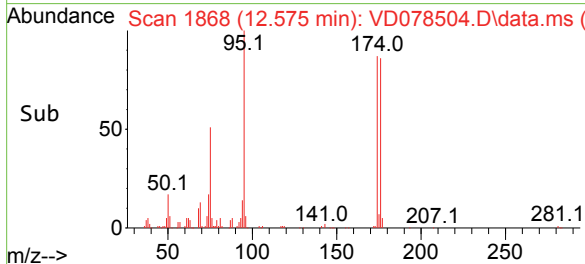
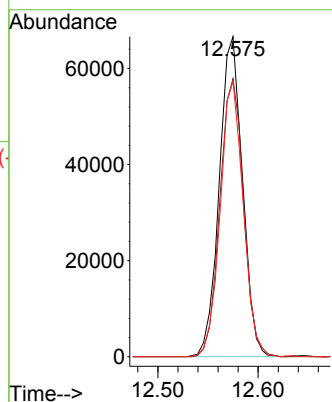
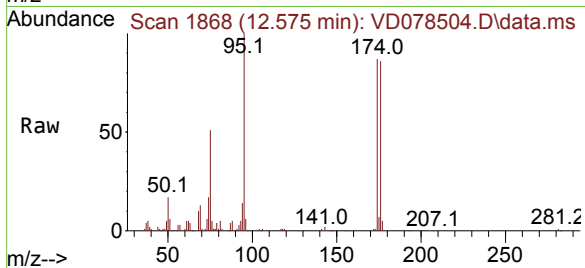




#62
4-Bromofluorobenzene
Concen: 64.762 ug/l
RT: 12.575 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078504.D
Acq: 21 Feb 2024 17:37

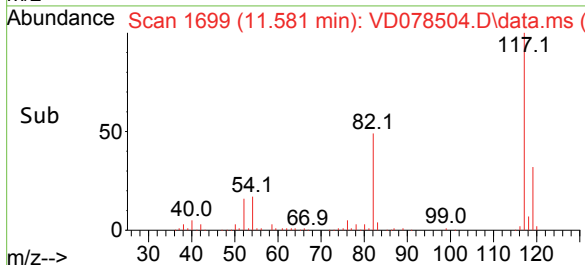
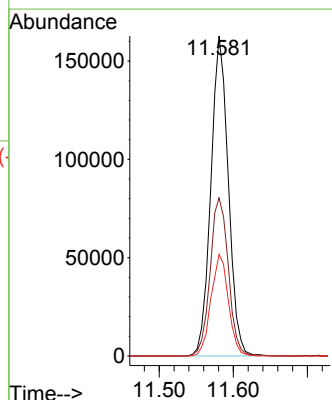
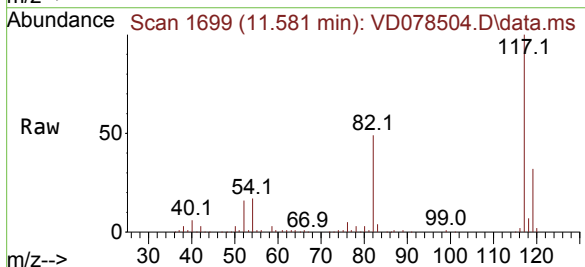
Instrument :
MSVOA_D
ClientSampleId :
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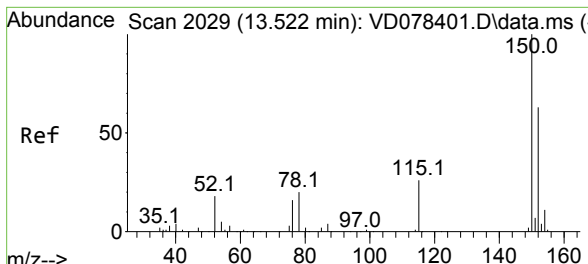
Tgt Ion: 95 Resp: 106956
Ion Ratio Lower Upper
95 100
174 88.5 0.0 201.8
176 85.1 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078504.D
Acq: 21 Feb 2024 17:37

Tgt Ion: 117 Resp: 266034
Ion Ratio Lower Upper
117 100
82 49.4 38.3 57.5
119 31.7 25.0 37.4

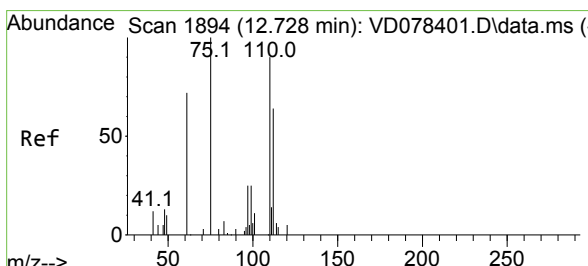
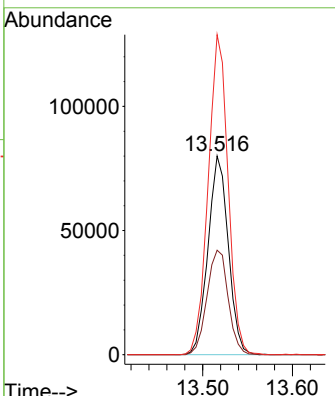
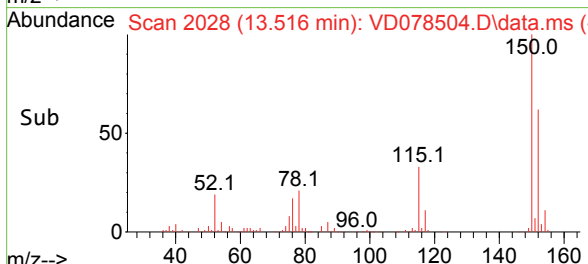
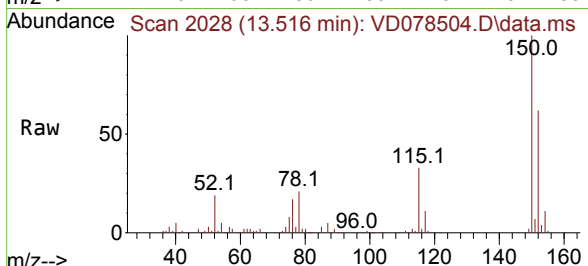




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD078504.D
 Acq: 21 Feb 2024 17:37

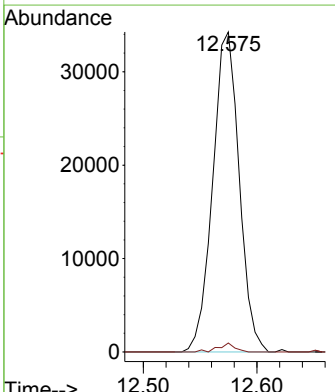
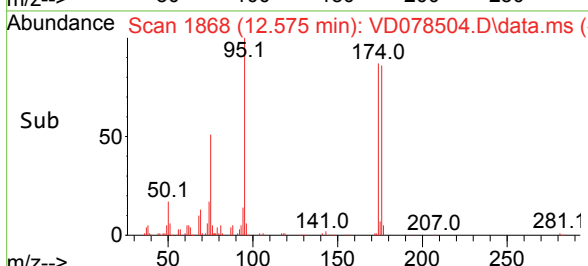
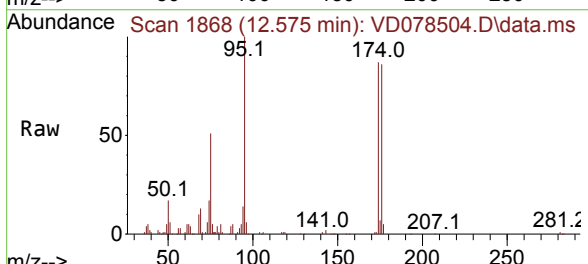
Instrument :
 MSVOA_D
 ClientSampleId :
 1

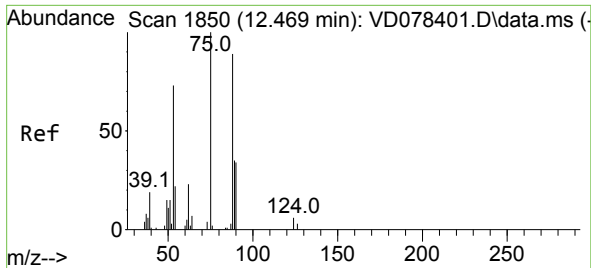
Tgt Ion:	152	Resp:	125848
Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.1	81.3
150	157.6	0.0	353.6



#76
 1,2,3-Trichloropropane
 Concen: 51.895 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD078504.D
 Acq: 21 Feb 2024 17:37

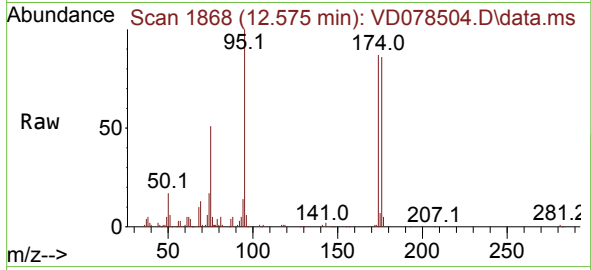
Tgt Ion:	75	Resp:	55445
Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 107.735 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078504.D
Acq: 21 Feb 2024 17:37

Instrument :
MSVOA_D
ClientSampleId :
1



Tgt Ion:	75	Resp:	55445
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

